



# छत्तीसगढ़ मिनरल डेव्हलपमेंट कार्पोरेशन लिमिटेड (छत्तीसगढ़ शासन का एक उपक्रम)

सी.आई.एन.नं 14103 ब 2001 014691ए  
ई-मेल:बउकबतंपचनत/हउंसणवउए  
वेबसाइट रू णबउकबणवणपद

मुख्य कार्यालय :  
सेक्टर 24, ब्लॉक नंबर 7 ए, तृतीय तल, अटल  
नगर, नवा रायपुर (छ.ग.) – 492015

## Pre-Bid Meeting Response

e-Tender No.:- MLS/Raipur/Operations/1/26-27/ET/1[EMPANELMENT SERVICE PROVIDER] dated 16<sup>th</sup> April 2026

**Responses to Pre-bid queries raised by bidders during pre-bid meeting dated 28/04/2026 with respect to the “Tender Document For Empanelment of Service Providers for Supply, Installation and Operations of Smart Check-Gates in Chhattisgarh”.**

## Corrigendum -1

S. No	Head	Existing Clause	Revised Clause
1.	CHAPTER VII: DEFINITIONS	Definitions: Smart Check Gate	Smart Check Gate Definition: An unmanned 24x7 operational check-gate to monitor movement of vehicles using IoT devices/ RFIDs/ Fast Tag/ Camera based real-time surveillance and generate alerts on unauthorized entries/ movement of vehicles or any other mining related scenarios for any Central/State/PSU or Airports/ Shipping Ports/ Multi-Modal Transport/Logistic/ Hub/ Warehouses/ Private sector companies

S. No	Head	Existing Clause	Revised Clause
2.	CHAPTER IV: TENDER AT A GLANCE and CHAPTER VIII: SCOPE OF WORK, CONTRACT PERIOD AND ELIGIBILITY CRITERIA	Proof of Concept (PoC) Section	<ul style="list-style-type: none"> <li>i Instead of Proof of Concept (PoC), bidder/s to provide demonstration of their working solution implemented or developed for other department/ private sector clients</li> <li>ii Empanelled bidders to provide demonstrations of their implemented or on-going solutions.</li> <li>iii The solution which covers most of the requirement of Chhattisgarh Department and have capability for future enhancements, integration capability etc. will be selected as final IT solution as per the evaluation of Technical Committee and respective bidder will be selected as “Technical Bidder” for providing IT solutions as per “Roles &amp; Responsibility” matrix given in the Tender Document.</li> <li>iv Technical &amp; Empanelled Bidders to work jointly to integrate district sites and centre solutions through open source protocols/ restful APIs.</li> <li>v Go-live will be achieved only if all solutions are working as per the CMDC (or any other designated office) requirements.</li> </ul>

S. No	Head	Existing Clause	Revised Clause
3.	CHAPTER IV: TENDER AT A GLANCE and CHAPTER VIII: SCOPE OF WORK, CONTRACT PERIOD AND ELIGIBILITY CRITERIA	<p>Technical Evaluation: Check-Gate Solution</p> <p>The bidder should have experience in installation, commissioning &amp; operations for check-gate projects (including IT solutions) for any Central/ State/ PSU or Airports/ Shipping Ports/ Multi-Modal Transport/ Logistic Hubs/Warehouses/ Private sector companies listed on BSE/NSE and having minimum turnover of 500 Crore. of minimum as on bid submission date.</p> <p>Marks will be allotted as given below:</p> <ul style="list-style-type: none"> <li>i. Total value of project/s is 3 Cr.= 20 marks</li> <li>ii. Total value of project/s is between 3 Cr. to 4 Cr. = 25 marks</li> <li>iii. Total value of project/s is more than 4 Cr. = 30 marks</li> </ul>	<p>Technical Evaluation: Check-Gate Solution</p> <p>The bidder should have experience in installation, commissioning &amp; operations for check-gate projects (including IT solutions) for any Central/ State/ PSU or Airports/ Shipping Ports/ Multi-Modal Transport/ Logistic Hubs/Warehouses/ Private sector companies listed on BSE/NSE and having minimum turnover of 250 Crore. of minimum as on bid submission date.</p> <p>Marks will be allotted as given below:</p> <ul style="list-style-type: none"> <li>i. Total value of project/s is 3 Cr.= 20 marks</li> <li>ii. Total value of project/s is between 3 Cr. to 4 Cr. = 25 marks</li> <li>iii. Total value of project/s is more than 4 Cr. = 30 marks</li> </ul>
4.	CHAPTER IV: TENDER AT A GLANCE and CHAPTER VIII: SCOPE OF WORK, CONTRACT PERIOD AND ELIGIBILITY CRITERIA	<p>Technical Evaluation: Supply, Installation &amp; Maintenance of Check-Gates</p> <p>The bidder should have supplied, installed &amp; maintain minimum 30 check-gate for any Central/State/ PSU or Airports/ Shipping Ports/ Multi-Modal Transport/Logistic Hubs/ Warehouses/ Private sector companies listed on BSE/NSE and having minimum turnover of 500 Crore. of minimum in last 5 years as on bid submission date.</p> <p>Marks will be allotted as given below:</p> <ul style="list-style-type: none"> <li>i. Minimum 25 check-gates = 15 marks</li> <li>ii. More than 25 – up to 40 check-gates = 17.5 marks</li> <li>iii. More than 40 check-gates = 20 marks</li> </ul>	<p>Technical Evaluation: Supply, Installation &amp; Maintenance of Check-Gates</p> <p>The bidder should have supplied, installed &amp; maintain minimum 25 check-gate for any Central/State/ PSU or Airports/ Shipping Ports/ Multi-Modal Transport/Logistic Hubs/ Warehouses/ Private sector companies listed on BSE/NSE and having minimum turnover of 250 Crore. of minimum in last 5 years as on bid submission date.</p> <p>Marks will be allotted as given below:</p> <ul style="list-style-type: none"> <li>i. Minimum 25 check-gates = 15 marks</li> <li>ii. More than 25 – up to 40 check-gates = 17.5 marks</li> <li>iii. More than 40 check-gates = 20 marks</li> </ul>

S. No	Head	Existing Clause				Revised Clause							
5.	CHAPTER IV: TENDER AT A GLANCE and CHAPTER VIII: SCOPE OF WORK, CONTRACT PERIOD AND ELIGIBILITY CRITERIA	The project timelines and payment terms for the bidder/s will be done as per following:				The project timelines and payment terms for the bidder/s will be done as per following:							
		S No	Head	Timeline	Deliverable	Payment Terms	S No	Head	Timeline	Deliverable	Payment Terms		
		1.	Proof of Concept (PoC)	T + 1 Months	PoC solution at 2 locations of CG	-	1.	Gap Analysis, Requirement Gathering	T + 2 Months	i. Survey Report for field and Command Centre	-		
		2.	Gap Analysis, Requirement Gathering	T + 2 Months	i. Survey Report for field and Command Centre Functional Requirement Specification (FRS) for all components and System Requirement Specification (SRS) for IT solution only	-				ii. Functional Requirement Specification (FRS) for all components and System Requirement Specification (SRS) for IT solution only			
		3.	Site Clearances	T + 3 Months	i. Site clearance from NHAI/SHAI (including NoC) for	20% of Capex Cost (Technical &				2.		Site Clearances	T + 3 Months
					3.	Solution							

S. No	Head	Existing Clause				Revised Clause				
				all sites	Empanelled as applicable)		Document	Months	Document site wise	empanelled as applicable)
		4.	Solution Document	T + 4 Months	Solution Document site wise District & Centralized Command Centre solution document	10% of Capex Cost (Technical & Empanelled as applicable)			ii. District & Centralized Command Centre solution document	
		5.	Hardware & Applicable Software Delivery, Installation and Commissioning at District Sites	T + 5 Months	Material delivery note and acceptance certificate	Technical Bidder: 20% of Capex Cost Empanelled Bidder: 30% of Capex Cost	4.	Hardware & Applicable Software Delivery, Installation and Commissioning at District Sites	Material delivery note and acceptance certificate	Technical Bidder: 20% of Capex Cost Empanelled Bidder: 30% of Capex Cost
		6.	Hardware & Applicable Software Delivery, Installation	T + 5 Months	Material delivery note and acceptance certificate	Technical Bidder: 10% of Capex Cost	5.	Hardware & Applicable Software Delivery, Installation & Commissioning - Centralized Command Centre	Material delivery note and acceptance certificate	Technical Bidder: 10% of Capex Cost
							6.	Go-live (District Site & Centralized Command	UAT Certificate, IT applications & mobile	40% of Capex Cost (Technical & Empanelled bidder as

S. No	Head	Existing Clause				Revised Clause						
			& Commissioning - Centralized Command Centre		Capex Cost		Centre)		Application (with security audit), Trainings and setup of District & Centralized Command Centre	applicable)		
		7.	Go-live (District Site & Centralized Command Centre)	T + 6 Months	UAT Certificate, IT applications & mobile Application (with security audit), Trainings and setup of District & Centralized Command Centre	40% of Capex Cost (Technical & Empanelled bidder as applicable)						
		8.	Operation & Maintenance Phase – District Sites and Centralized Command Centre Integration	5 Years from date of Go-live	Quarterly SLA Report	5% of Opex Cost (Technical & Empanelled bidder as applicable)		7.	Operation & Maintenance Phase – District Sites and Centralized Command Centre Integration	5 Years from date of Go-live	Quarterly SLA Report	5% of Opex Cost (Technical & Empanelled bidder as applicable)
		9.	Exit Management	Last Quarter of O&M Phase (i.e.	Trainings of department manpower, Knowledge Transfer,			8.	Exit Management	Last 2 Quarters of O&M Phase (i.e. 19 <sup>th</sup> & 20 <sup>th</sup> Quarters)	i. Trainings of department manpower, ii. Knowledge Transfer, iii. Handover to Department or New Service Provider	

S. No	Head	Existing Clause				Revised Clause					
					20 <sup>th</sup> Quarter)	i. Handover to Department or New Service Provider		9.	Operations Manpower Payment	60 months from Go-live	Attendance Report
		10.	Operations Manpower Payment	T + 60 months	Attendance Report	Quarterly billing based on actuals (Technical Bidder)					<ul style="list-style-type: none"> <li>i For Go-live, minimum 60% of the sites should be ready and functional.</li> <li>ii The Capex cost will be equated equally among the number of sites allotted to the bidders. The payment of site clearances &amp; other milestones for such sites will be done on pro-rata basis.</li> <li>iii CMDC reserves the rights to provide waiver on penalty for delay/s which are beyond control of service provider, subject to submission of request for waiver along with supporting documents. In case, the documents submitted are not satisfactorily then no waiver will be provided.</li> </ul>
6.	CHAPTER IV: TENDER AT A GLANCE and CHAPTER VIII: SCOPE OF WORK, CONTRACT PERIOD AND ELIGIBILITY CRITERIA	<p>Manpower Requirement: The Bidder shall provide qualified and experienced manpower for implementation, operation, and monitoring of the project. In addition to field-level manpower, the following minimum dedicated resources shall be deployed at the Centralized Command Centre (CCC):</p> <ol style="list-style-type: none"> <li>1. Project Manager – 1 No.</li> <li>2. Project Coordinators – 2 Nos.</li> <li>3. Operators – 5 Nos. per shift (after Go-live)</li> <li>4. Helpdesk Support Executives – 2 Nos. (after Go-live)</li> </ol>				<p>Manpower Requirement: The Bidder shall provide qualified and experienced manpower for implementation, operation, and monitoring of the project. In addition to field-level manpower, the following minimum dedicated resources shall be deployed at the Centralized Command Centre (CCC) for entire contract period:</p> <ol style="list-style-type: none"> <li>1. Project Manager – 1 No.</li> <li>2. Project Coordinators – 1 Nos.</li> <li>3. Solution Architect</li> <li>4. Field Operations Executives</li> <li>5. Network Expert – 1 No.</li> <li>6. Application Expert – 1 No.</li> <li>7. Operators – 5 Nos. per shift (after Go-live)</li> <li>8. Helpdesk Support Executives – 2 Nos. (after Go-live)</li> </ol> <ul style="list-style-type: none"> <li>i Above is the list of indicative manpower requirement. Bidder/s may deploy additional manpower for both implementation &amp; operations phase to meet project scope &amp; timelines.</li> <li>ii In case of installation of new check-gates or change in solution, bidder/s to ensure availability of required manpower for successful implementation/ operations.</li> </ul>					

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7.	CHAPTER IV: TENDER AT A GLANCE and CHAPTER VIII: SCOPE OF WORK, CONTRACT PERIOD AND ELIGIBILITY CRITERIA	Exit Management	Exit Management Scope: i The exit management period starts, in case of expiry of contract, at least 6 months prior to the date when the contract comes to an end or in case of termination of contract. ii Bidder/s to prepare transition plan approved by the department. iii All project data, source code, project documents, intellectual property (if any), and project assets should be handed over to client (or new service provider) within a specific timeframe of 6 months. iv Handover of project ownership to client (or new service provider) as agreed in the transition plan. v Payment of last 6 months of O&M Phase and release of PBG will be done only after issuance of successful Hand-Over Take-Over (HOTO) certificate issued by the department.																																																																						
8.	CHAPTER IV: TENDER AT A GLANCE and CHAPTER VIII: SCOPE OF WORK, CONTRACT PERIOD AND ELIGIBILITY CRITERIA	Bidders are required to provide quotation in following format (Online Only): <table border="1" data-bbox="283 911 1037 1445"> <thead> <tr> <th data-bbox="283 911 331 1081">S. No</th> <th data-bbox="331 911 770 1081">Work Description</th> <th data-bbox="770 911 850 1081">Qty.</th> <th data-bbox="850 911 938 1081">Unit Rate (INR)</th> <th data-bbox="938 911 1037 1081">Total Amount (INR)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="283 1081 1037 1146" style="text-align: center;"><b>(A). Total Capex Cost</b></td> </tr> <tr> <td colspan="5" data-bbox="283 1146 1037 1203"><b>1. IT Solution Cost</b></td> </tr> <tr> <td></td> <td data-bbox="331 1203 770 1445">Design &amp; Development of various software applications: i. Web application/s ii. Mobile App (Android &amp; IOS both) iii. Transporter Mobile App (Android &amp; IOS both)</td> <td data-bbox="770 1203 850 1445" style="text-align: center;">Lumpsum</td> <td></td> <td></td> </tr> </tbody> </table>	S. No	Work Description	Qty.	Unit Rate (INR)	Total Amount (INR)	<b>(A). Total Capex Cost</b>					<b>1. IT Solution Cost</b>						Design & Development of various software applications: i. Web application/s ii. Mobile App (Android & IOS both) iii. Transporter Mobile App (Android & IOS both)	Lumpsum			Bidders are required to provide quotation in following format (Online Only): <table border="1" data-bbox="1037 878 1999 1445"> <thead> <tr> <th colspan="5" data-bbox="1037 878 1999 919" style="text-align: center;"><b>Commercial Format (Online Only)</b></th> </tr> <tr> <th data-bbox="1037 919 1146 1016">S. No.</th> <th data-bbox="1146 919 1604 1016">Work Description</th> <th data-bbox="1604 919 1709 1016">Qty.</th> <th data-bbox="1709 919 1820 1016">Unit Rate (INR)</th> <th data-bbox="1820 919 1999 1016">Total Amount (INR)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="1037 1016 1999 1057" style="text-align: center;"><b>(A). Capex Cost</b></td> </tr> <tr> <td colspan="5" data-bbox="1037 1057 1999 1097" style="text-align: center;"><b>1. IT Solution Cost</b></td> </tr> <tr> <td data-bbox="1037 1097 1146 1162">i.</td> <td data-bbox="1146 1097 1604 1162">Design &amp; Development of various software applications</td> <td data-bbox="1604 1097 1709 1162" style="text-align: center;">1</td> <td></td> <td></td> </tr> <tr> <td data-bbox="1037 1162 1146 1203" style="text-align: center;">a</td> <td data-bbox="1146 1162 1604 1203" style="text-align: center;">Web Application</td> <td data-bbox="1604 1162 1709 1203" style="text-align: center;">1</td> <td></td> <td></td> </tr> <tr> <td data-bbox="1037 1203 1146 1243" style="text-align: center;">b</td> <td data-bbox="1146 1203 1604 1243" style="text-align: center;">Mobile App (Android &amp; IOS both)</td> <td data-bbox="1604 1203 1709 1243" style="text-align: center;">1</td> <td></td> <td></td> </tr> <tr> <td data-bbox="1037 1243 1146 1284" style="text-align: center;">c</td> <td data-bbox="1146 1243 1604 1284" style="text-align: center;">Transporter Mobile App (Android &amp; IOS both)</td> <td data-bbox="1604 1243 1709 1284" style="text-align: center;">1</td> <td></td> <td></td> </tr> <tr> <td data-bbox="1037 1284 1146 1325" style="text-align: center;">d</td> <td data-bbox="1146 1284 1604 1325" style="text-align: center;">Video Management System</td> <td data-bbox="1604 1284 1709 1325" style="text-align: center;">1</td> <td></td> <td></td> </tr> <tr> <td data-bbox="1037 1325 1146 1445" style="text-align: center;">ii.</td> <td data-bbox="1146 1325 1604 1445">Security Audit of all applications through CERT-IN empanelled agencies (once a year) for the contract period</td> <td data-bbox="1604 1325 1709 1445" style="text-align: center;">1</td> <td></td> <td></td> </tr> </tbody> </table>	<b>Commercial Format (Online Only)</b>					S. No.	Work Description	Qty.	Unit Rate (INR)	Total Amount (INR)	<b>(A). Capex Cost</b>					<b>1. IT Solution Cost</b>					i.	Design & Development of various software applications	1			a	Web Application	1			b	Mobile App (Android & IOS both)	1			c	Transporter Mobile App (Android & IOS both)	1			d	Video Management System	1			ii.	Security Audit of all applications through CERT-IN empanelled agencies (once a year) for the contract period	1		
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			iv. Video Management System				iii. SSL Certificate for all applications & mobile app hosting (Android & IOS both)	1		
			Security Audit of all applications through CERT-IN empanelled agencies (once a year) for the contract period	Lum psu m			iv. Cloud Infrastructure (MEITY approved) with DC & DR for min. 10 district sites, 5 District Command Centre & Central Command Centre	1		
		i	SSL Certificate for all applications & mobile app hosting (Android & IOS both)	Lum psu m			v. SMS Gateway Integration (15 Lakh SMS/Year)	1		
							vi. API Integration with external systems	1		
		i	Cloud Infrastructure (MEITY approved) with DC & DR for min. 10 district sites, 5 District Command Centre & Central Command Centre	Lum psu m			vii. Hardware & Software License (Perpetual) for district sites	1		
							viii. Enterprise Management Software (EMS)	1		
							<b>2. Mining Check Gate Cost</b>			
			SMS Gateway Integration (15 Lakh SMS/Year)	Lum psu m			a. Mining Checkgate with 01 Lane with onsite warranty (including gantry & civil work)	1 Lot		
							i. Outdoor Rack – 1Nos,			
							ii. Civil work for Outdoor Rack – 1Nos,			
		v	API Integration with external systems	Lum psu m			iii. Box Camera for ANPR System – 1Nos,			
							iv. External IR Illuminator – 1Nos,			
							v. Varifocal Outdoor Camera – 2Nos,			
		v	Hardware & Software License (Perpetual) for district sites	Lum psu m			vi. Flood Light with Automatic On/Off system for Day/Night – 2Nos,			
							vii. RFID Reader with Box – 1Nos,			
							viii. RFID Antenna – 1Nos,			
		vi	Enterprise Management Software (EMS)	1			ix. LPU (Local Processing Unit) – 1Nos,			
							x. Gigabit POE Switch (8 Port) – 1Nos,			
							xi. Gigabit Manageable Router – 1Nos,			
							xii. Power Management System with Solar Panel – 1Nos,			
			<b>2. Mining Check Gate Cost</b>							
			Mining Checkgate with 01 Lane	1						

S. No	Head	Existing Clause			Revised Clause					
		<p>shall have the followings with onsite warranty:</p> <ul style="list-style-type: none"> <li>▪ Outdoor Rack – 1Nos,</li> <li>▪ Civil work for Outdoor Rack – 1Nos,</li> <li>▪ Box Camera for ANPR System – 1Nos,</li> <li>▪ External IR Illuminator – 1Nos,</li> <li>▪ Varifocal Outdoor Camera – 2Nos,</li> <li>▪ Flood Light with Automatic On/Off system for Day/Night – 2Nos,</li> <li>▪ RFID Reader with Box – 1Nos,</li> <li>▪ RFID Antenna – 1Nos,</li> <li>▪ LPU (Local Processing Unit) – 1Nos,</li> <li>▪ Gigabit POE Switch (8 Port) – 1Nos,</li> <li>▪ Gigabit Manageable Router – 1Nos,</li> <li>▪ Power Management System with Solar Panel – 1Nos,</li> <li>▪ Installation, Configuration and Conduiting (Laying of trunk wires (Cat6/Electric) with HDPE conduits, Patch chords, extension board, RJ45 connectors and Rubberized Flexi pipe for peripheral cabling along with all cables and accessories – 1Nos</li> </ul>				xiii	Installation, Configuration and Conduiting (Laying of trunk wires (Cat6/Electric) with HDPE conduits, Patch chords, extension board, RJ45 connectors and Rubberized Flexi pipe for peripheral cabling along with all cables and accessories – 1Nos			
						xiv	Re-location cost (including one time dismantling & re-installation to new site)			
						b.	Mining Checkgate with 02 Lane with onsite warranty (including gantry & civil work)	1 Lot		
						i	Outdoor Rack – 1Nos,			
						ii	Civil work for Outdoor Rack – 1Nos,			
						iii	Box Camera for ANPR System – 2Nos,			
						iv	External IR Illuminator – 2Nos,			
						v	Varifocal Outdoor Camera – 4Nos,			
						vi	Flood Light with automatic On/Off system for Day/Night – 4Nos,			
						vii	RFID Fixed Reader with Box – 1Nos,			
						viii	RFID Antenna – 2Nos,			
						ix	LPU (Local Processing Unit) – 1Nos, Desktop – 1Nos,			
						x	Gigabit POE Switch (8 Port) – 1Nos,			
						xi	Gigabit Manageable Router – 1Nos,			
						xii	Power Management System with Solar Panel – 1Nos,			
						xiii	Installation, Configuration and Conduiting (Laying of trunk wires (Cat6/Electric) with HDPE conduits, Patch chords, extension board, RJ45 connectors and Rubberized Flexi pipe for peripheral cabling along with all cables and accessories – 1Nos			
		Mining Checkgate with 02 Lane	1							



S. No	Head	Existing Clause	Revised Clause						
		<p>i Mining Checkgate with 03 lane (any of the directions of the road) shall have the followings with onsite warranty:-</p> <ul style="list-style-type: none"> <li>▪ Outdoor Rack – 1Nos,</li> <li>▪ Civil work for Outdoor Rack – 1Nos,</li> <li>▪ Box Camera for ANPR System – 3Nos,</li> <li>▪ External IR Illuminator – 3Nos,</li> <li>▪ Varifocal Outdoor Camera – 6Nos,</li> <li>▪ Flood Light with Automatic On/Off system for Day/Night – 6Nos,</li> <li>▪ RFID Reader with Box – 1Nos,</li> <li>▪ RFID Antenna – 3Nos,</li> <li>▪ LPU (Local Processing Unit) – 1Nos,</li> <li>▪ Gigabit POE Switch (8 Port) – 2Nos,</li> <li>▪ Gigabit Manageable Router – 1Nos,</li> <li>▪ Power Management System with Solar Panel – 1Nos,</li> <li>▪ Installation, Configuration and Conduiting (Laying of trunk wires (Cat6/Electric) with HDPE conduits, Patch chords, extension board, RJ45 connectors and Rubberized Flexi pipe for peripheral cabling) with all cables and accessories – 1Nos</li> </ul>	1			<p>ii Civil work for Outdoor Rack – 1Nos,</p> <p>iii Box Camera for ANPR System – 4Nos,</p> <p>iv External IR Illuminator – 4Nos,</p> <p>v Varifocal Outdoor Camera – 8Nos,</p> <p>vi Flood Light with Automatic On/Off system for Day/Night – 8Nos,</p> <p>vii RFID Reader with Box – 1Nos,</p> <p>viii RFID Antenna – 4Nos,</p> <p>ix LPU (Local Processing Unit) – 1Nos,</p> <p>x Gigabit POE Switch (8 Port) – 1Nos,</p> <p>xi Gigabit Manageable Router – 1Nos,</p> <p>xii Power Management System with Solar Panel – 1Nos,</p> <p>xiii Installation, Configuration and Conduiting (Laying of trunk wires (Cat6/Electric) with HDPE conduits, Patch chords, extension board, RJ45 connectors and Rubberized Flexi pipe for peripheral cabling) with all cables and accessories – 1Nos</p> <p>xiv Re-location cost (including one time dismantling &amp; re-installation to new site)</p>			
						<p><b>3. Centralized Command Centre</b></p> <p>i Video Wall consisting of 55” or better Smart TV / Video Wall Panels in 3 x 2 configuration with Video Wall Controller &amp; Video Wall Management Software-1Nos,</p> <p>ii Storage Server (Rack Server/Blade Server) with 10TB storage - 1Nos,</p> <p>iii Monitoring Workstation with Preloaded Windows 11 and Preloaded Antivirus, Preloaded Microsoft Office and 01</p>	1 Lot		

S. No	Head	Existing Clause			Revised Clause					
		i Mining Checkgate with 04 lane (any of the directions of the road) shall have the followings with onsite warranty:- <ul style="list-style-type: none"> <li>▪ Outdoor Rack – 1Nos,</li> <li>▪ Civil work for Outdoor Rack – 1Nos,</li> <li>▪ Box Camera for ANPR System – 4Nos,</li> <li>▪ External IR Illuminator – 4Nos,</li> <li>▪ Varifocal Outdoor Camera – 8Nos,</li> <li>▪ Flood Light with Automatic On/Off system for Day/Night – 8Nos,</li> <li>▪ RFID Reader with Box – 1Nos,</li> <li>▪ RFID Antenna – 4Nos,</li> <li>▪ LPU (Local Processing Unit) – 1Nos,</li> <li>▪ Gigabit POE Switch (8 Port) – 1Nos,</li> <li>▪ Gigabit Manageable Router – 1Nos,</li> <li>▪ Power Management System with Solar Panel – 1Nos,</li> <li>▪ Installation, Configuration and Conduiting (Laying of trunk wires (Cat6/Electric) with HDPE conduits, Patch chords, extension board, RJ45 connectors and Rubberized Flexi pipe for peripheral cabling) with all cables and accessories – 1Nos</li> </ul>	1				FHD Monitor (minimum 21""), 01 Optical Mouse/ Keyboard – 8 Nos, iv IP Phones with dedicated contact number – 2 Nos, v Networking Rack for Server including networking equipment like Patch Panel - 1Nos, vi 24-Port Gigabit Manageable Switch - 1Nos, vii Cable Manager, PDU, etc., Router (UTM Firewall System) to handle minimum security of 100 concurrent users - 1Nos, viii 5KVA Online UPS with minimum 1 hour's battery backup - 1Nos, ix A4 Laser Jet Multi-Function printer - 1Nos, x CCTV Camera Setup - 4Nos, Installation & Commissioning of all above items with Laying of trunk wires (Cat6/Electric) with conduits & its termination via PoE/Switch, Patch chords, extension board, RJ45 connectors and Rubberized Flexi pipe for peripheral cabling, with on-site OEM standard warranty			
						xi	500 Mbps dedicated Internet Connectivity for the contract period of 5-Years (after Go-live)	1		
						xii	Civil & Interior design work, like false-ceiling, painting, lighting etc. for 20x20 Feet Room, Air conditioner (Industrial grade 2 Ton each) - 4 Nos, Furniture – Branded Computer Table / Chairs - 10 Nos each	1		
					4.	<b>District Command Centre (DCC)</b>				

S. No	Head	Existing Clause	Revised Clause						
		<p><b>3. Centralized Command Centre</b></p> <ul style="list-style-type: none"> <li>▪ Video Wall consisting of 55" or better Smart TV / Video Wall Panels in 3 x 2 configuration with Video Wall Controller &amp; Video Wall Management Software- 1Nos,</li> <li>▪ Storage Server (Rack Server/Blade Server) with 10TB storage - 1Nos,</li> <li>▪ Monitoring Workstation with Preloaded Windows 11 and Preloaded Antivirus, Preloaded Microsoft Office and 01 FHD Monitor (minimum 21"), 01 Optical Mouse/ Keyboard – 8 Nos,</li> <li>▪ IP Phones with dedicated contact number – 2 Nos,</li> <li>▪ Networking Rack for Server including networking equipment's like Patch Panel - 1Nos,</li> <li>▪ 24-Port Gigabit Manageable Switch - 1Nos,</li> <li>▪ Cable Manager, PDU, etc., Router (UTM Firewall System) to handle minimum security of 100 concurrent users - 1Nos,</li> <li>▪ 5KVA Online UPS with minimum 1 hour's battery backup - 1Nos,</li> <li>▪ A4 Laser Jet Multi-Function printer - 1Nos,</li> <li>▪ CCTV Camera Setup - 4Nos, Installation &amp; Commissioning of all above items with Laying of</li> </ul>	1			<ul style="list-style-type: none"> <li>i Setup, Installations &amp; Commissioning of District Command Center (DCC) at 1 District with onsite OEM Standard Warranty.</li> <li>ii Monitoring Workstation with Preloaded Windows 11 and Preloaded Antivirus, Preloaded Microsoft Office and 01 FHD Monitor (minimum 21"), 01 Optical Mouse/ Keyboard – 1 Nos,</li> <li>iii SMART TV with Wall-mount bracket – 1 Nos,</li> <li>iv Online UPS (2KVA) with 1 hour backup – 1 Nos,</li> <li>v 200 Mbps dedicated Internet Connectivity for the contract period of 5-Years (after Go-live) – 1Nos,</li> <li>vi Setup &amp; Installation of all above items, with on-site OEM standard warranty.</li> <li>vii Civil &amp; Interior design work, like false-ceiling, painting, lighting etc. for 10x10 Feet Room, Air conditioner (Industrial grade 2 Ton each) - 2 Nos, Furniture – Branded Computer Table / Chaires - 2 Nos each</li> </ul>	1 Lot		
						<p><b>5. RFID Solution</b></p> <ul style="list-style-type: none"> <li>i. Ultra-High Frequency RFID Hand-held Reader and adapter and its integration with developed mobile app, with on-site OEM standard warranty.</li> <li>ii. Bluetooth printer and its integration with developed mobile app &amp; RFID reader with OEM Standard Warranty</li> <li>iii. Supply and Installation of RFID Tag's with required mobile application &amp; online portal for sale of RFID tags</li> </ul>	1	1	10000

S. No	Head	Existing Clause			Revised Clause					
		trunk wires (Cat6/Electric) with conduits & its termination via PoE/Switch, Patch chords, extension board, RJ45 connectors and Rubberized Flexi pipe for peripheral cabling, with on-site OEM standard warranty				6.	Automatic Weigh-In-Motion (WIM) System			
					i	1 Lane	1			
					ii	2 Lane	1			
		500 Mbps dedicated Internet Connectivity for the contract period of 5-Years (after Go-live)	1			iii	3 Lane	1		
					iv	4 Lane	1			
		i Civil & Interior design work, like false-ceiling, painting, lighting etc. for 20x20 Feet Room, Air conditioner (Industrial grade 2 Ton each) - 4 Nos, Furniture – Branded Computer Table / Chairs - 10 Nos each	1			Total CAPEX Cost				
					<b>(B) Operation &amp; Maintenance Rate (Opex)</b>					
					<b>Annual Maintenance (AMC) for 5 years</b>					
					1	Mining Check- Gate (multiple lanes)				
					i	1 Lane	1			
					ii	2 Lane	1			
					iii	3 Lane	1			
					iv	4 Lane	1			
		<b>4. District Command Centre (DCC)</b>				2	District Command Centre Components (except connectivity)	1		
		Setup, Installations & Commissioning of District Command Center (DCC) at 1 District with onsite OEM Standard Warranty.	1			3	Centralized Command Centre Components (except connectivity)	1		
		<ul style="list-style-type: none"> <li>▪ Monitoring Workstation with Preloaded Windows 11 and Preloaded Antivirus, Preloaded Microsoft Office and 01 FHD Monitor (minimum 21"), 01 Optical Mouse/ Keyboard – 1 Nos,</li> <li>▪ SMART TV with Wall-mount bracket – 1 Nos,</li> </ul>				4	RFID Solution (Reader & Printer)	1		
						5	IT Solution (As mentioned in Capex section)	1		
						6	Automatic Weigh-In-Motion (WIM) System			
					i	1 Lane	1			
					ii	2 Lane	1			
					iii	3 Lane	1			

S. No	Head	Existing Clause			Revised Clause									
		<ul style="list-style-type: none"> <li>▪ Online UPS (2KVA) – 1 Nos,</li> <li>▪ Broadband Internet Connectivity (Minimum 200 Mbps) – 1Nos,</li> <li>▪ Setup &amp; Installation of all above items, with on-site OEM standard warranty.</li> </ul>				iv	4 Lane	1						
						Total OPEX Cost								
						<b>(C ) Manpower Cost</b>								
					1	Operators for CCC (to support 24*7 operations after Go-live)	5 per shift							
					2	Helpdesk Support Executive (to support 24*7 operations after Go-live)	1 per shift							
						Total Manpower Cost								
						<b>Total Cost Excluding GST (A+B+C)</b>								
		Civil & Interior design work, like false-ceiling, painting, lighting etc. for 10x10 Feet Room,  Air conditioner (Industrial grade 2 Ton each) - 2 Nos,  Furniture – Branded Computer Table / Chaires - 2 Nos each	1			<p>Note:</p> <ul style="list-style-type: none"> <li>i. All amounts should be in INR only.</li> <li>ii. Above costs are excluding GST.</li> <li>iii. Department is seeking to explore rates against each items, however the actual items &amp; quantities may vary during the issuance of LoI or Agreement.</li> <li>iv. Rates quoted above shall be applicable for entire project tenure.</li> <li>v. This is the indicative list of quantities, however any additional component required to meet overall functional requirements then same needs to provide by the bidder/s.</li> <li>vi. Any additional costs related to manpower/ hardware/ software/ civil work required for implementation &amp; operations should be factored in the above commercial bid.</li> <li>vii. L1 rates will be identified on the basis of lowest “Total Project Cost” quoted among technically qualified bidders. However, individual component wise rates will be used as reference for future orders.</li> <li>viii. Unrealistic rates quoted by any bidder will be treated as non-complied with tender terms &amp; conditions and will be rejected.</li> <li>ix. Bidder/s to ensure availability of required manpower during Implementation and Operations Phase.</li> </ul>								
		<b>5. RFID Solution</b>												
		Ultra-High Frequency RFID Hand-held Reader and adapter and its integration with developed mobile app, with on-site OEM standard warranty.	1											
		Bluetooth printer and its integration with developed mobile app & RFID reader with OEM Standard Warranty	1											
		i Supply and Installation of RFID Tag’s with required mobile application & online portal for sale of RFID tags	100	00										
		Total CAPEX Cost												
		<b>(B) Operation &amp; Maintenance Rate (Opex)</b>												

S. No	Head	Existing Clause	Revised Clause		
		<b>Annual Maintenance (AMC) for 5 years</b>			
		1 Mining Check- Gate (multiple lanes)			
		i 1 Lane	1		
		ii 2 Lane	1		
		iii 3 Lane	1		
		iv 4 Lane	1		
		2 District Command Centre Components (except connectivity)	1		
		3 Centralized Command Centre Components (except connectivity)	1		
		4 RFID Solution (Reader & Printer)	1		
		5 IT Solution (As mentioned in Capex section)	1		
		Total OPEX Cost			
		<b>(C ) Manpower Cost</b>			
		1 Operators for CCC (to support 24*7 operations after Go-live)	5		
		2 Helpdesk Support Executive (to support 24*7 operations after Go-live)	2		
		Total Manpower Cost			
		<b>Total Cost Excluding GST (A+B+C)</b>			
		Note:			
		i. All amounts should be in INR only.			
		ii. Above costs are excluding GST.			

S. No	Head	Existing Clause	Revised Clause
		<p>iii. Department is seeking to explore rates against each items, however the actual items &amp; quantities may vary during the issuance of LoI or Agreement.</p> <p>iv. Rates quoted above shall be applicable for entire project tenure.</p> <p>v. Bidders to ensure Total Capex Cost should not be more than 60% of the Total Project Cost.</p> <p>vi. L1 rates will be identified on the basis of lowest “Total Project Cost” quoted among technically qualified bidders. However, individual component wise rates will be used as reference for future orders.</p> <p>vii. Unrealistic rates quoted by any bidder will be treated as non-complied with tender terms &amp; conditions and will be rejected.</p>	
9.	Annexure V- Manufacturer Authorizing Form	<p style="text-align: center;"><u>Manufacturer Authorizing Form</u></p> <p style="text-align: center;"><i>(To be issued on the letterhead of the head of the manufacturing firm/OEM)</i></p> <p>To,</p> <p>The Managing Director Chhattisgarh Mineral Development Corp. Ltd. Sector-24, Office Complex 3<sup>rd</sup> Floor, Block-7A, Nava Raipur, Atal Nagar Raipur, (C.G.) 492015</p> <p>Sub: Manufacturer’s Authorization Form for participation in Tender</p> <p>We, ....., who are proven and reputable manufacturers of ..... (name and description of the goods offered in the tender) having factories at....., hereby authorise M/s..... (name and address of the agent) to submit a tender, process the same further</p>	<p style="text-align: center;"><u>Manufacturer Authorizing Form</u></p> <p style="text-align: center;"><i>(To be issued on the letterhead of the head of the manufacturing firm/OEM)</i></p> <p>To,</p> <p>The Managing Director Chhattisgarh Mineral Development Corp. Ltd. Sector-24, Office Complex 3<sup>rd</sup> Floor, Block-7A, Nava Raipur, Atal Nagar Raipur, (C.G.) 492015</p> <p>Sub: Manufacturer’s Authorization Form for participation in Tender</p> <p>We, ....., who are proven and reputable manufacturers of ..... (name and description of the goods offered in the tender) having factories at....., hereby authorise M/s..... (name and address of the agent) to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by us.</p> <p>M/s. .... (name and address of the above agent) is authorized</p>

S. No	Head	Existing Clause	Revised Clause
		<p>and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by us.</p> <p>We further confirm that no supplier or firm or individual other than M/s. .... (name and address of the above agent) is authorized to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by us.</p> <p>We also hereby extend our full warranty, as applicable in the Tender Document with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this tender document.</p> <p>Yours faithfully, ..... .....</p> <p>[Signature with date, name, and designation] for and on behalf of M/s.....</p> <p>[Name &amp; address of the manufacturers]</p> <p>Note: This letter of authorisation should be on the letter head of the manufacturing firm/OEM and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.</p>	<p>to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by us.</p> <p>We also hereby extend our full warranty &amp; guarantee for entire contract period, as applicable in the Tender Document with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this tender document.</p> <p>We also ensure that the component supplied is free from defect and will not become obsolete during the contract period. In case, if it becomes obsolete than either support will be provided for the product supplied (during contract period) or replaced by the similar or better specifications.</p> <p>Yours faithfully, ..... .....</p> <p>[Signature with date, name, and designation] for and on behalf of M/s.....</p> <p>[Name &amp; address of the manufacturers]</p> <p>Note: This letter of authorisation should be on the letter head of the manufacturing firm/OEM and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.</p>

*\* Any change in the timeline or corrigendum related to the Tender Document will be communicated through an addendum to the Tender Document. Such notice/communication will be available on MSTC portal and CMDC website only. Bidders are advised to check MSTC portal and CMDC website regularly for any updates. All such communication will be forming part of tender.*

## Response to Pre-Bid Queries

S. No.	Clause no. of the Tender Document	Existing Provision	Bidders Request/ Suggestion for modification/ Amendments	CMDC's stand on the request of bidder	Remarks if any
1.	Proof of Concept (Page no 4)	<p>Among empanelled bidders, PoC of 2 different solutions will be conducted at 2 locations of Chhattisgarh. Bidders for PoC will be identified by the Technical Committee based on technical presentations from the empanelled bidders. Department will examine the outcome of PoC and map solutions w.r.t. the requirements in Chhattisgarh and approve one ideal solution. Solution will be examined based on the requirements covered, additional solutions available, compliances met through solution, scope for future enhancements, integration capability etc.</p> <p>The bidder whose solution is selected for implementation will be identified as "Technical Bidder"</p> <p>Department may ask for customization &amp; configuration of the final selected solution.</p> <p>All empanelled bidders need to adapt the solution finalized and make necessary changes or integration in their solution</p>	<p>1. We assume that the client shall born the cost for the PoC to be conducted at 2 locations, kindly clarify</p> <p>2. As mentioned in the RFP, If a bidder's solution isn't the one "approved" after PoC, they must adapt to the "Technical Bidder's" finalized solution. We request client to kindly clarify, who will bear the cost towards modification on the existing solution to adapt the solution provided by the Technical Bidder's Solution</p> <p>3. We assume that any future changes arising from new requirements, regulatory updates, or compliance mandates will be handled as change requests, with additional costs to be determined and implemented upon prior approval from the client</p>	Refer Corrigendum	

S. No.	Clause no. of the Tender Document	Existing Provision	Bidders Request/ Suggestion for modification/ Amendments	CMDC's stand on the request of bidder	Remarks if any
		to meet the overall requirements.  CMDC may ask bidders to modify their solution in future based on new requirements, new compliances or rules.			
2	Technical Scoring (Page no 9)	The bidder should have supplied, installed & maintain minimum 30 check-gate for any Central/State/ PSU or Airports/ Shipping Ports/ Multi-Modal Transport/Logistic Hubs/ Warehouses/ Private sector companies listed on BSE/NSE and having minimum turnover of 500 Crore. of minimum in last 5 years as on bid submission date. Marks will be allotted as given below: i. Minimum 25 check-gates = 15 marks ii. More than 25 – up to 40 check-gates = 17.5 marks iii. More than 40 check-gates = 20 marks	With reference to the eligibility criteria requiring supply, installation, and maintenance of a minimum number of check-gates, we understand that a “check-gate” refers to any controlled vehicle movement point where vehicle entry and exit are monitored through integrated systems such as boom barriers, traffic lights, cameras, RFID/FASTag, and features like entry/exit automation, weighbridge automation, and access control mechanisms. Hence, we request the client to kindly consider projects involving these specific areas and functionalities as eligible experience under the check-gate qualification criteria.	Refer Corrigendum	
3	Commercial Bid (page no 10)	Mining Check Gate Cost	We observe that only hardware quantities have been specified in the tender, without detailed technical specifications. To ensure fair competition, compliance with industry standards, and optimal solution design, we request to provide detailed technical specifications. Additionally,	Bidder/s to purchaser Tender Document to refer Technical Specifications and other Tender Details	

S. No.	Clause no. of the Tender Document	Existing Provision	Bidders Request/ Suggestion for modification/ Amendments	CMDC's stand on the request of bidder	Remarks if any
			kindly confirm whether there are any preferred OEMs for this project		
4	Commercial Bid (page no 10)	Mining Check Gate Cost	We assume that raw power is available at every locations, If not CMDC/District Command Centre will provide the same at each locations.	In case there is no raw power available at the end locations then bidder to make necessary arrangement. CMDC may assist in coordination. Payment for same will be reimbursed based on actuals.	
5	District Command Centre (DCC)	SMART TV with Wall-mount bracket – 1 Nos, Online UPS (2KVA) – 1 Nos	1. what is the display size of the SMART TV, kindly clarify 2. How Much Back up is required for Online UPS (2KVA)	Bidder/s to purchase Tender Document to refer Technical Specifications and other Tender Details	
6	Project Timelines and Payment Terms (Page no 17)	PoC solution at 2 locations of CG	We assume that the client shall born the IT and No IT cost for POC Implementation. Kindly confirm	Refer Corrigendum	
7	Project Timelines and Payment Terms (Page no 17)	Site clearance from NHAI/SHAI (including NoC) for all sites	We assume that any type of departmental clearance required should be on CMDC's Scope as is a notorious bottleneck & such dependencies often lead to delays impacting project timelines and associated payments..	CMDC will issue necessary letters & support in obtaining clearances. However, Bidder/s to co-ordinate for the field support.	
8	Project Timelines and Payment Terms (Page no 19)	UAT Certificate, IT applications & mobile Application (with security audit), Trainings and setup of District & Centralized Command Centre  40% of Capex Cost (Technical	Considering the project involves multiple remote locations, there is a possibility that all sites may not go live simultaneously due to dependency on site readiness, approvals, and local operational conditions. Therefore, we request the client to kindly consider releasing the Go-Live payment on an	Refer Corrigendum	

S. No.	Clause no. of the Tender Document	Existing Provision	Bidders Request/ Suggestion for modification/ Amendments	CMDC's stand on the request of bidder	Remarks if any
		& Empanelled bidder as applicable)	actual completion basis for the sites that have successfully gone live, rather than holding the entire 40% payment until complete Go-Live of all assigned district sites		
9	Earnest Money Deposit (EMD) (Page no 19)	The Bidder shall pay the EMD of Rs 15,00,000 (Fifteen Lakh Only) (as prescribed in the NIT) through online payment. The details of the Bank of CMDC, Raipur for online payment are	We kindly request you to consider allowing submission of the EMD in the form of an Insurance Surety Bond or Bank Guarantee, as the Insurance Surety Bond is a secure, cost-effective alternative to traditional instruments and enables MSMEs to manage their working capital more efficiently.	No Change	
10	Performance Bank Guarantee (Page no 19)	The empanelled bidders are required to submit a Bank Guarantee/Demand Draft/RTGS of an amount equivalent to the 10% of the Total Contract Value before signing of the agreement	The project required 10% PBG of the whole contract value. but as per Ministry of Finance, Government of India (OM No. F.1/2/2023-PPD), which has amended Rule 171(i) of GFR 2017, reducing the Performance Security requirement to a range of 3% to 5% to promote ease of doing business and liquidity in the sector. We request to reduce the PBG value as per the notification. Further we also request you to kindly consider Insurance surity Bond instead of Bank guarantee, to ensure smooth transaction	No Change	
10	Generic	Generic	Considering the detailed scope of work, multiple integration requirements, and the need for comprehensive technical and commercial preparation, the current	No Change	

S. No.	Clause no. of the Tender Document	Existing Provision	Bidders Request/ Suggestion for modification/ Amendments	CMDC's stand on the request of bidder	Remarks if any
			<p>submission timeline appears to be limited for submitting a competitive and well-structured proposal.</p> <p>We request the authority to kindly consider extending the bid submission deadline by 15 days to allow bidders sufficient time for thorough analysis, partner alignments, and preparation of a quality proposal</p>		
11	Pg. 7–9 (Scope of Work), Definition of Smart Check-Gate, Request for a clear, standardized, and outcome-driven definition of “Smart Check-Gate”	A Smart Check-Gate should be formally defined as an integrated, AI-driven enforcement ecosystem rather than a collection of hardware components. It comprises: (i) Field Layer – ANPR, RFID, WIM, surveillance cameras, gantry, edge devices, power systems; (ii) Digital Layer – AI/ML-based analytics, rule engine, centralized monitoring platform, mobile/web applications; (iii) Integration Layer – APIs with mining systems, e-permit systems, and external databases; and (iv) Operational Layer – alerting, reporting, audit trails, and enforcement workflows. Currently, absence of a formal definition may result in non-uniform interpretation by bidders, leading to inconsistent	<p>Define “Smart Check-Gate” as an end-to-end integrated system and include measurable outcomes such as: anomaly detection rate, revenue enhancement, compliance enforcement, real-time alerts, and audit-ready data.</p> <p>Suggestion for the definition are as follows:</p> <p>“An innovative 24×7 AI &amp; IoT-based Unmanned Smart Enforcement System designed to combat illegal mineral transportation. It integrates advanced technologies such as Artificial Intelligence, Image Processing, Machine Learning, and Graphical Neural Networks with a robust IoT infrastructure. The system provides 24x7 realtime surveillance, via detection of Commercial vehicles HSRP No. Plate, Reading MINETag &amp; Mineral, automated violation detection and efficient e-notice</p>	Refer Corrigendum	

S. No.	Clause no. of the Tender Document	Existing Provision	Bidders Request/ Suggestion for modification/ Amendments	CMDC's stand on the request of bidder	Remarks if any
		solution architectures and difficulty in comparative evaluation. Global best practices (ICCC, ITS, tolling systems) emphasize outcome-based systems, not component-based deployments	generation, significantly enhancing transparency, revenue collection, and operational		
12	Pg. 7-9 , Scope Structuring & Single Vendor Model, Clarification on definition and confirmation of single vendor responsibility (technology + infrastructure)	<p>A Smart Check-Gate system is inherently interdependent across hardware, software, networking, and analytics layers. A single vendor model ensures: (i) End-to-end accountability, (ii) seamless integration</p> <p>across layers, (iii) unified SLA management, (iv) faster fault isolation and resolution, and (v) optimized system performance. In multi-vendor setups, issues such as integration gaps, accountability conflicts, delayed resolution, and fragmented SLAs are common, especially in mission-critical enforcement systems. However, for effective implementation, clear demarcation of deliverables, responsibilities, and performance benchmarks is essential within the single vendor framework</p>	Explicitly define Smart Check-Gate as an integrated solution under single vendor responsibility. Also define scope boundaries, integration responsibilities, and SLA ownership clearly	No Change	

S. No.	Clause no. of the Tender Document	Existing Provision	Bidders Request/ Suggestion for modification/ Amendments	CMDC's stand on the request of bidder	Remarks if any
13	Scope vs BoQ WIM (Weigh-in-Motion) , Inclusion of WIM in BoQ	Inclusion of WIM in BoQ	WIM is a critical enforcement component for detecting overloaded vehicles, which directly impacts revenue leakage prevention and compliance monitoring. While it is functionally implied in the enforcement ecosystem, its absence in BoQ creates: (i) scope-commercial misalignment, (ii) risk of variation orders, (iii) inconsistent pricing assumptions across bidders, and (iv) potential under-provisioning in final solution. WIM involves specialized hardware, calibration, civil foundation, integration with analytics, and recurring maintenance, Include WIM as a BoQ line item (Optional item) covering hardware, civil work, calibration, integration, and O&M with clear specifications	Refer Corrigendum	
14	Scope vs BoQ Gantry Structure & Civil Work Inclusion of gantry and civil infrastructure in BoQ	Accurate functioning of ANPR, RFID, and surveillance systems depends on proper mounting via gantry structures. Additionally, since these structures are installed on highways and high-load zones, structural safety, wind load resistance, and long-term durability are critical. As per MoRTH guidelines, gantry structures must be designed and validated by qualified experts. Lack of clear	Accurate functioning of ANPR, RFID, and surveillance systems depends on proper mounting via gantry structures. Additionally, since these structures are installed on highways and high-load zones, structural safety, wind load resistance, and long-term durability are critical. As per MoRTH guidelines, gantry structures must be designed and validated by qualified experts. Lack of clear specification may lead to unsafe or non-compliant installations, increasing risk to public safety and system performance	Refer Technical Specifications & Corrigendum  Bidders are free to propose better specifications.	

S. No.	Clause no. of the Tender Document	Existing Provision	Bidders Request/ Suggestion for modification/ Amendments	CMDC's stand on the request of bidder	Remarks if any
		specification may lead to unsafe or non-compliant installations, increasing risk to public safety and system performance			
15	Not Defined Lifecycle Management Provision for relocation/shifting of check-gates	In practical scenarios, check-gate locations may change due to policy decisions, mining route changes, traffic optimization, or enforcement strategy updates. Without predefined provisions, relocation activities may lead to contractual disputes, delays, and cost escalations. In a long-term (5+ years) project, relocation is not an exception but an expected lifecycle requirement	Include a standard BoQ line item for relocation, covering dismantling, transportation, reinstallation, calibration, and recommissioning	Refer Corrigendum	
16	Pg. 21–22 Exit Policy / Handover Need for detailed exit management and ownership clarity	While the single vendor model ensures efficient execution, it is equally important to safeguard departmental ownership, system continuity, and vendor independence post contract period. Current provisions mention training and handover but lack clarity on: (i) ownership of hardware/software, (ii) source code/IP rights, (iii) data ownership, (iv) API/documentation access, and (v) transition support. Absence of these may result in vendor lock-in, operational risks, and dependency in future	Define a comprehensive exit policy, including: (i) ownership of all assets with department, (ii) source code handover/escrow, (iii) complete data ownership, (iv) API & documentation transfer, and (v) mandatory transition support period	Refer Corrigendum	

S. No.	Clause no. of the Tender Document	Existing Provision	Bidders Request/ Suggestion for modification/ Amendments	CMDC's stand on the request of bidder	Remarks if any
17	Not Explicitly Defined Project Governance / PMU Inclusion of Project Management Unit (PMU) and technical manpower evaluation	This project involves multi-location deployment, integration of hardware & AI systems, real-time monitoring, and long-term O&M, requiring strong governance and technical oversight. Absence of structured PMU may lead to coordination gaps, delays, and inefficiencies. Additionally, evaluation criteria currently do not sufficiently emphasize quality and expertise of technical manpower, which is critical for successful execution and sustained performance	Include dedicated PMU (Project Management Unit) with defined roles such as Project Manager, Solution Architect, AI/Analytics Expert, Network Engineer, and Field Operations Lead. Also, include technical manpower strength and expertise as part of evaluation criteria with appropriate weightage	Refer Corrigendum	
18	Page 52 32. Software License (Perpetual) for AI Program on COTS Model for Edge Computing Device > ANPR System Requirements (Point e)	The system shall maintain consistent accuracy across varying font sizes and styles for all non-occluded, human-readable English character number plates.	It is requested to kindly specify the definition/list of “stylized fonts” that fall under non-occluded, human-readable English character number plates for which ANPR accuracy is expected.	Requirements will be finalized during requirement gathering phase	
19	Page 61 Relocation of Check Gate and related activities	During the project tenure, the Department may direct relocation of any existing Check Gate to a new location. The bidder shall handle dismantling, transportation, reinstallation, testing, commissioning, and operationalization.	BOQ/Commercial does not include cost provisions for relocation/dismantling. Kindly include corresponding line items in the BOQ/commercial bid.	Refer Corrigendum	
20	Page 118 Annexure VII – Commercial Quotation – Mining Check Gate Cost	Mining check gates with 1, 2, and 3 lanes.	Internet connectivity and power supply requirements are not defined. Clarify whether these should be included in BOQ or shall we consider this amount in AMC.	Internet connectivity will be provided by Technical Bidder.	

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				Power supply will be provided by the respective Empanelled Bidder of the site/ location	
21	Page 62 Automatic Weigh-In-Motion (WIM) System Installation	Setup, installation, calibration, and commissioning of a two-lane WIM system.	No corresponding BOQ line item is available for WIM. Kindly include it in the BOQ/commercial bid or exclude the item from scope of work.	Refer Corrigendum	
22	Page 8 Empanelment Process	L1 will be selected as empanelled vendor; H1 and H2 must match L1 price.	Request to change evaluation criteria to QCBS (70% Technical, 30% Financial) and select a single vendor instead of empanelment.	No Change	
23	Page 20 POC of Two Check Gates	POC to be completed within one month with no payment milestones.	POC timeline is not feasible due to permission requirements. Suggest revising timeline and linking payments (60% after POC, 40% after Go-Live).	Refer Corrigendum	
24	Page 51 & 69 ANPR Accuracy	Accuracy mentioned as 70% (night), 80% (day), and 90% overall.	These values are contradictory. Accuracy should be uniform; non-standard plates may have lower accuracy.	To be read as 90% overall with +/- 5% variance	
25	Page 29 Mineral Identification Objective	Minerals to be identified in covered and uncovered vehicles.	It is difficult to identify minerals in covered vehicles with existing hardware. Requires additional hardware, algorithms, and data sources.	Bidder/s must provide solutions for covered vehicles once they are developed	
26	Page 30 Technical and Empanelled Bidder Data Exchange	Separate vendors for software and hardware.	Integration challenges may arise due to hardware variations. Suggest defining a common data-sharing protocol.	Bidders to work jointly for overall success and achieve Go-live	
27	Page 20 NHAI Permissions and Deposits	Permissions to be obtained by vendor within fixed timeline.	NHAI approvals take significant time. Timeline should start after approvals. Deposit costs should be borne by the Department.	CMDC will reimburse the cost incurred for fees/deposits paid to other department/s.	
28	Page 50 Integration with External Systems	Integration with weighbridges, drone surveillance, and Khanij 2.0.	Integration with Khanij 2.0 is clear but there is ambiguity in integration with weighbridge system. Which weighbridge system shall be	Application developed by the Technical Bidder should be capable enough to perform API	

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			integrated with the e-Checkgate system, as there is no involvement of weighbridges here. Is it mean, integration of weighbridges, which are already integrated with Khanij 2.0? Kindly elaborate. Also, if Drone surveillance system need to be integrated, you need to mention which quality of images and videos are provided by drone cameras and what output is expected from it.	integration or hyperlink may be provided to view other solutions like respective Weighbridge details, Drone feed or other system as identified during requirement gathering phase	
29	Page 12 Supply, Installation, and Maintenance Scoring	Scoring criteria based on number of Check gates installed, 1)Minimum 25 - 15 marks , 2) More than 25 - upto 40 - 17.5 marks, 3) More than 40 - 20 marks.	There is ambiguity as the number 25 and 40 gates repeated in both marking criterias. Hence it shall be changed as following. 1)Minimum 25 - 15 marks , 2) 26 - upto 39 - 17.5 marks, 3) Equal to and more than 40 - 20 marks.	Refer Corrigendum	
30	Page 73 WIM and Vehicle Height Measurement	Vehicle height to be measured via WIM.	Most WIM systems do not support height measurement. Request removal or deferment to Phase 2.	Stands deleted for vehicle height measurement	
31	Proof of Concept (Page no 4)	Among empanelled bidders, PoC of 2 different solutions will be conducted at 2 locations of Chhattisgarh. Bidders for PoC will be identified by the Technical Committee based on technical presentations from the empanelled bidders Department will examine the outcome of PoC and map solutions w.r.t. the requirements in Chhattisgarh and approve one ideal solution. Solution will be examined based on the requirements covered, additional solutions available,	1. We assume that the client shall born the cost for the PoC to be conducted at 2 locations, kindly clarify  2. As mentioned in the RFP, If a bidder's solution isn't the one "approved" after PoC, they must adapt to the "Technical Bidder's" finalized solution. We request client to kindly clarify, who will bear the cost towards modification on the existing solution to adapt the solution provided by the Technical Bidder's Solution  3. We assume that any future changes arising from new	Refer Corrigendum	

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		<p>compliances met through solution, scope for future enhancements, integration capability etc.</p> <p>The bidder whose solution is selected for implementation will be identified as “Technical Bidder”</p> <p>Department may ask for customization &amp; configuration of the final selected solution.</p> <p>All empanelled bidders need to adapt the solution finalized and make necessary changes or integration in their solution to meet the overall requirements.</p> <p>CMDC may ask bidders to modify their solution in future based on new requirements, new compliances or rules.</p>	<p>requirements, regulatory updates, or compliance mandates will be handled as change requests, with additional costs to be determined and implemented upon prior approval from the client</p>		
37	Project Timelines and Payment Terms (Page no 19)	<p>UAT Certificate, IT applications &amp; mobile Application (with security audit), Trainings and setup of District &amp; Centralized Command Centre</p> <p>40% of Capex Cost (Technical &amp; Empanelled bidder as applicable)</p>	<p>Considering the project involves multiple remote locations, there is a possibility that all sites may not go live simultaneously due to dependency on site readiness, approvals, and local operational conditions. Therefore, we request the client to kindly consider releasing the Go-Live payment on an actual completion basis for the sites that have successfully gone live, rather than holding the entire 40% payment until complete Go-Live of all assigned district sites</p>	Refer Corrigendum	

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44	Commercial Bid – 2. Mining Check Gate Cost (1 Lane, 2 Lane, 3 Lane, 4 Lane configurations), Pages 14-19 Detailed prescriptive list of hardware items for each lane type: Outdoor Rack, Civil work for Outdoor Rack, Box Camera for ANPR System, External IR Illuminator, Varifocal Outdoor Camera, Flood Light with Automatic On/Off, RFID Reader with Box, RFID Antenna, LPU, Gigabit POE Switch, Gigabit Manageable Router, Power Management System with Solar Panel, Installation & Conduiting etc. (Qty shown as “1”)	Allow bidders to propose “or equivalent / better make & model” for all listed hardware & peripheral items, subject to meeting or exceeding functional performance requirements and approval during PoC / technical evaluation.	The current clause lists specific components without mentioning makes or detailed technical specifications. Allowing equivalent or superior hardware will promote competition, enable deployment of latest proven technology, and ensure best value while maintaining required performance in Chhattisgarh’s mining terrain.	Bidder/s are free to propose better specifications	
45	Commercial Bid – 2. Mining Check Gate Cost (all lane configurations), Pages 14-19 No detailed technical specifications / minimum performance parameters provided for critical hardware & peripherals (ANPR cameras, Varifocal cameras, External IR Illuminators, Flood Lights, RFID Reader/Antenna, LPU, Solar Power System etc.).	Provide minimum technical specifications (e.g., resolution, frame rate, IR range, IP rating, operating temperature/humidity range, read range & frequency for RFID, ruggedness standards, solar panel wattage, battery backup duration etc.) for all listed hardware & peripherals.	Without clear minimum specifications, bidders cannot quote uniformly or ensure compliance. Mining locations involve extreme dust, heat, vibration and rain; precise specs are essential for reliable 24x7 operation of smart check-gates.	Bidder/s to refer technical and functional requirements mentioned in the Tender Document	
46	Commercial Bid – 2. Mining Check Gate Cost (1/2/3/4 Lane), Pages 14-19 & Chapter IV Scope of Work Quantity of each lane configuration (1 Lane, 2 Lane, 3 Lane, 4 Lane) is indicated as “1” under unit rate column. No	Provide indicative / estimated total number of check-gates required (with lane-wise breakup if possible) across all districts in Chhattisgarh.	This being a rate contract for empanelment and future orders, bidders require volume clarity for accurate costing of hardware, civil works, solar systems, installation and peripherals. Absence of quantity indication affects competitive and realistic pricing.	At present, tentatively 10 smart check gates needs to be installed in Chhattisgarh	

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	overall quantity or lane-wise breakup given.				
47	Commercial Bid – 2. Mining Check Gate Cost – Power Management System with Solar Panel (all lane configurations), Pages 14-19 “Power Management System with Solar Panel – 1 Nos” listed without any capacity, backup or technical details.	Specify minimum technical parameters for the Solar Power System (panel wattage, battery type & capacity, backup duration, charge controller specs, IP rating etc.) suitable for 24x7 operation in remote mining areas.	Unreliable grid power is common at mining sites. Clear specifications will ensure all bidders quote adequately sized, reliable systems guaranteeing continuous operation of check-gates and peripherals.	Bidder/s to refer technical and functional requirements mentioned in the Tender Document	
48	Commercial Bid – 5. RFID Solution, Page 19 “Ultra-High Frequency RFID Hand-held Reader and adapter” (Qty 1) and “Bluetooth printer” (Qty 1) listed without technical parameters or total expected quantity.	Provide (i) indicative total quantity of Hand-held RFID Readers and Bluetooth Printers required for the project, and (ii) minimum technical specifications (read range, frequency, battery life, IP rating, ruggedness etc.).	Field enforcement teams require rugged, high-performance RFID peripherals. Clarity on quantity and specifications is necessary for accurate quoting and supply of suitable devices for mining area operations.	Bidder/s to refer technical and functional requirements mentioned in the Tender Document	
49	Chapter IV: Empanelment Process (Page 8) & Tender at a Glance Price bid opened only for bidders achieving minimum 70 technical marks. Lowest commercial rate (L1 on Total Project Cost) becomes the benchmark. All other technically qualified bidders must match L1 rates to become empanelled (maximum 3 bidders total; priority given to H1, H2 etc. in ascending order).	Adopt Quality & Cost Based Selection (QCBS) methodology (e.g., 70:30 Technical:Financial weightage) for final selection and ranking of bidders instead of mandatory L1 rate matching. Alternatively, allow technically superior bidders (H1/H2) to quote differential rates post-PoC without being forced to match L1.	Current L1-matching approach completely disregards superior technical scores and innovation after the 70-mark threshold. QCBS will ensure selection of the most suitable, reliable and future-ready solution for long-term smart check-gate operations rather than purely the lowest price.	No Change	
50	Chapter IV: Project Timelines and Payment Terms, S.No. 3 – Site Clearances (Pages 20-21) Site Clearances: T + 3 Months → 20% of Capex Cost	Revise the milestone to release 20% Capex (or split into 10% + 10%) upon submission of site survey/gap analysis report and/or individual site clearance	Obtaining NOCs from NHAI/SHAI for multiple remote mining locations is a time-consuming process dependent on government approvals and is largely beyond the bidder’s control. Releasing 20% only after	Refer Corrigendum	

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	(after NHAI/SHAI including NoC for all sites)	documents. Alternatively, link payment to progressive NOC approvals instead of waiting for NoC for "all sites".	completion of NOC for every site across Chhattisgarh creates severe cash-flow constraints and increases financial risk for bidders.		
52	Chapter VIII, Cl. 6.6 Bidder should have experience in installation, commissioning and operations of smart check-gate projects in prescribed value thresholds.	Kindly allow experience of similar intelligent transport / ANPR / RFID / surveillance / command-and-control / mining automation / tolling / logistics gate automation projects to qualify, and also allow OEM credentials / consortium credentials / SI credentials for compliance.	The current clause appears restrictive to only "check-gate" projects, whereas the required solution is a combination of ANPR, RFID, edge computing, surveillance, networking and command-centre integration. Equivalent domain experience is technically relevant and should be accepted.	No Change	
53	Annexure V / Eligibility linked OEM authorization requirement Manufacturer Authorization Form required from OEM.	Kindly clarify whether multiple OEM authorizations are permitted for different solution components and whether the bidder may quote a multi-OEM architecture.	Smart check-gate solutions typically combine cameras, RFID, computing, UPS, networking, displays and software from different OEMs. Clear acceptance of multi-OEM design avoids ambiguity during technical evaluation.	Multiple OEM designs are allowed.  MAF to be provided for all line items of BoQ.	
54	Chapter VIII, Cl. 38 Dedicated CCC manpower includes 1 Project Manager, 2 Project Coordinators, 5 Operators per shift, 2 Helpdesk Support Executives.	Kindly clarify whether 5 Operators and 2 Helpdesk Executives are required per shift or in total, and whether manpower may be optimized based on transaction volume and automation level.	The phrase "per shift" is specifically mentioned for operators, but helpdesk quantity appears ambiguous. Since commercial quotes depend heavily on shift-wise deployment, clarity is required to avoid inconsistent bidding.	At present all deployment will be in general shift.  Per shift rates are asked for the purpose of rate exploration.	
55	Chapter VIII, Operation Phase SLA – Manpower 100% availability of manpower; absence beyond 1 day attracts penalty.	Kindly allow a practical SLA such as 95% monthly availability, with replacement within defined timelines, instead of absolute 100% availability.	In long-term O&M contracts, 100% manpower availability at all times is operationally impractical due to weekly offs, leave, medical exigencies and attrition. A reasonable SLA with prompt backfill is industry-standard and easier to administer fairly.	No Change	
56	Chapter VIII, Cl. 18 / Training At least 2 trainers in every training session.	Kindly modify to "minimum 1 qualified trainer + 1 support resource, or 2 trainers where	Mandatory deployment of 2 trainers for every session may increase cost without proportional value, especially for small or refresher	Bidder to provide training to district and central team physically once	

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		batch size / location complexity requires?".	batches. Flexible deployment will optimize cost while preserving training effectiveness.	during installation of check-gates. After Go-live virtual trainings may be conducted on need basis.	
57	Chapter IV, Commercial Bid Note v Total Capex Cost should not be more than 60% of Total Project Cost.	Kindly remove this ceiling, or increase it to at least 75%, or clarify that it is only a guideline and not a rejection criterion.	This project is infrastructure- and hardware-intensive at initial deployment stage. Artificially capping capex may distort pricing, force loading into opex/manpower heads and lead to non-uniform commercial comparison across bidders.	Refer Corrigendum	
58	Chapter IV, S. No. 8 / BOQ structure BOQ broadly groups Capex, Opex and Manpower; component-wise rates to be used as reference for future orders.	Kindly provide a detailed itemized BOQ with separate lines for cameras, IR illuminators, RFID readers/antennas, edge devices, switches, routers, UPS/batteries, solar, gantry, civil work, electrical work, networking, CCC/DCC equipment, software licenses, cloud/SMS, training and warranty/O&M.	A highly bundled BOQ can lead to varied commercial assumptions and future disputes during ordering, change requests and payment milestones. Detailed line items will improve price transparency and apples-to-apples comparison.	Refer Corrigendum	
59	Chapter VIII, Cl. 39 / O&M scope O&M for all applicable hardware/software for 5 years from Go-live.	Kindly clarify whether consumables, battery replacements, damaged accessories, SIM/data charges, cloud usage escalation, RFID tag replenishment, printer consumables, third-party API charges and force-majeure damage are included or payable separately.	Long-term O&M costs depend significantly on recurring consumables and third-party charges. Clear demarcation is required to avoid underpricing and post-award disputes.	No additional costs provided for consumables. Bidder to consider costs for entire contract period.	
60	Chapter IV, S. No. 3 and Note vi; Chapter IX, Cl. 5 L1 identified on lowest Total Project Cost; other technically	Kindly evaluate bidders on a strictly techno-commercial compliant basis, and for empanelment either: (a) allow	Forced L1 matching may not reflect differences in architecture quality, OEM support, warranty coverage and commercial assumptions. It can also	No Change	

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	qualified bidders may be asked to match L1 for empanelment.	multiple empanelment without forced L1 matching, or (b) discover standard rates after finalizing a detailed common BOQ/specification.	encourage aggressive underbidding, affecting long-term project sustainability and service quality.		
61	Chapter IV, S. No. 3 / H1-H2-H3 + L1 model H1/H2/H3 ranking based on technical score; only two other bidders besides L1 may be empanelled after matching L1.	Kindly clarify the award mechanism for future work allocation among empanelled bidders and whether allocation will be based on geography, lane type, performance, rotation or fresh mini-bids.	Since this is an empanelment tender, transparent work-allocation methodology is essential for bidders to assess business viability and operational readiness.	Refer sections “Roles & Responsibility” & “Empanelment Process”	
62	Chapter VIII, Cl. 11 / technical specs for hardware Desktop to be from Top 5 global brands; Smart TV from Top 10 OEMs as per latest global share.	Kindly replace such wording with objective technical compliance criteria and OEM support requirements, without using market-share-based brand filtering.	“Top 5 / Top 10 global brand” language is dynamic, subjective and difficult to verify uniformly. Objective specifications with warranty/service support are more transparent and procurement-friendly.	No Change	
63	Chapter VIII, Cl. 11.1.4 / 11.1.6 / hardware specs Detailed camera / ANPR / IR specifications are prescribed.	Kindly confirm that equivalent or better specifications from any reputed OEM complying with ONVIF / open standards / required performance benchmarks shall be accepted.	Technology evolves rapidly and different OEMs meet the same functional outcome through different architectures. “Equivalent or better” acceptance will increase competition and avoid vendor lock-in while meeting performance requirements.	Bidders are free to propose better specifications	
64	Chapter VIII, Cl. 11.5 / CCC and related specs CCC storage/server capacity appears referenced as 10 TB in one place and 50 TB in another place.	Kindly clarify the final required storage architecture and retention period, including whether storage is centralized, edge-based, hybrid or scalable.	Contradictory storage quantities materially affect capex sizing and O&M cost. Clarification is necessary for uniform bidding and correct system design.	To be read as 10 GB	
65	Chapter VIII, Cl. 26 / infra works Bidder responsible for complete infrastructural networking and electrical works including conduits, CAT-6 and electrical cabling.	Kindly clarify whether site readiness, utility power availability, trenching, permissions, pole/foundation civil work, road cutting approvals and restoration are in bidder scope or to be	Civil and electrical readiness varies site to site and can materially impact cost and timelines. Scope clarity is essential for realistic pricing and milestone planning.	All necessary work to be commenced by the bidder/s for their respective locations	

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		arranged by CMDC/site authority.			
66	Chapter IX, Cl. 19 / warranty Warranty to commence from Go-live; goods to be new and free from defects; support availability beyond warranty indicated.	Kindly clarify that standard OEM warranty terms shall apply for batteries, solar components, consumables and items subject to normal wear-and-tear; also define the exact requirement for post-warranty support availability.	Some peripherals and power-system components have different lifecycle and warranty structures than IT hardware. Clear treatment will prevent disputes and enable accurate OEM-backed pricing.	Bidder to provide standard warranty as provided by the OEM	
67	Chapter IV, S. No. 3 (Empanelment Process) Empanelment of multiple service providers for site-wise work allocation.	Kindly consider selecting a single lead systems integrator (SI) for the overall project, or clearly define a single-point-of-contact (SPOC) structure to ensure accountability for end-to-end integration.	Coordinating across multiple empanelled vendors for a centralized command-and-control system often leads to integration silos, delayed troubleshooting, and "blame shifting" regarding system downtime. A single lead vendor ensures cohesive architecture, faster issue resolution, and streamlined project management .	No Change	
69	Pg. 10-12 Eligibility – Experience	The experience criteria is restricted to check-gate projects and specific sectors, with private sector clients required to be BSE/NSE listed with high turnover	This significantly restricts participation and excludes competent bidders with relevant experience in Smart City, ICCC, ITS, ANPR, surveillance, and mining automation projects Broaden eligibility to include similar technology domains (ICCC, ITS, AI-based surveillance, ANPR, mining digitization). Remove mandatory BSE/NSE listing requirement	No Change	
70	Pg. 10 Eligibility – Financial	Minimum average turnover requirement of ₹10 Cr	The threshold is relatively high for this empanelment-based, distributed execution model and limits MSME/technology firms Reduce threshold to ₹5 Cr or allow consortium/JV participation to enable wider competition	No Change	

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71	Pg. 11 & 13 Eligibility – Manpower	Mandatory requirement of minimum 30 on-roll employees	Modern IT implementations rely on flexible staffing models including OEM support and contractual resources; payroll-only condition is restrictive Allow combined manpower (on-roll + contractual + OEM-backed). Consider project-based manpower validation	No Change	
72	Pg. 9 Roles & Responsibilities	Roles between “Technical Bidder” and “Other Empanelled Bidders” are overlapping and not clearly demarcated	May lead to ambiguity in ownership, integration challenges, and SLA disputes during execution Clearly define scope boundaries, ownership of components, integration responsibility, and SLA accountability matrix	No Change	
73	Pg. 20–21 Payment Terms	Payment milestone linked to site clearance (NHAI/SHAI approvals)	Site clearance is an inter-departmental dependency and beyond bidder control; may lead to payment delays Site clearance should be the responsibility of the department or treated as deemed approved within a defined timeline. Payment should not be linked to external approvals	Refer Corrigendum	
74	Pg. 14 BoQ – IT Components	IT solution (applications, VMS, integrations, cloud, etc.) is defined on a lump-sum basis without detailed breakup	Lack of granularity creates ambiguity in costing and leads to risk loading by bidders. Provide detailed BoQ for software modules, licenses, integrations, user base, and cloud sizing assumptions	Refer Corrigendum	
75	Pg. 20 Commercial	Capex cost capped at 60% of total project cost	The project is infrastructure-intensive (hardware, solar, networking), making such restriction impractical Remove or rationalize the capex ceiling to reflect realistic project cost distribution	Refer Corrigendum	
76	Pg. 20 Commercial	Capex cost capped at 60% of total project cost	The project is infrastructure-intensive (hardware, solar, networking), making such restriction impractical Remove or rationalize the	Refer Corrigendum	

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			capex ceiling to reflect realistic project cost distribution		
77	Pg. 20 (Note iii) BoQ	Quantities are indicative and may vary without minimum commitment	Absence of minimum assured quantity creates financial uncertainty for bidders Specify minimum guaranteed quantity or define clear rate contract mechanism with deployment visibility	Bidder to purchase tender document to view minimum specifications	
78	Pg. 8 Selection Methodology	Mandatory requirement for bidders to match L1 rates for empanelment	Discourages quality-based differentiation and promotes aggressive undercutting Adopt QCBS (Quality-cum-Cost Based Selection) or weighted evaluation approach	No Change	
79	Pg. 8 Evaluation Framework	H1 bidder (highest technical score) is assigned central solution role, while L1 determines commercial viability	Misalignment between technical responsibility and commercial allocation may create execution inefficiencies Align technical and financial selection logic OR consider separate tender for centralized solution	No Change	
80	Pg. 7-9 PoC Requirement	PoC to be conducted at 2 locations without clarity on cost reimbursement	PoC involves significant cost (hardware deployment, manpower, logistics), creating financial burden Provide reimbursement for PoC or allow virtual/demo-based validation	Refer Corrigendum	
81	Pg. 7-9 Software Architecture	One "Technical Bidder" will control centralized platform and architecture	Risk of vendor lock-in and dependency for other empanelled bidders Ensure open architecture with standard APIs, interoperability, and clear data ownership/source code escrow provisions	No Change	
82	Pg. 7-9 Integration	Mandatory integration with centralized system without defined technical standards	Lack of defined APIs, protocols, and data standards may lead to integration risks and delays Publish detailed API specifications, data exchange standards, and integration guidelines	To be finalized during requirement gathering phase	

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83	Pg. 14 Security Compliance	CERT-In audit requirement mentioned without defining scope	Ambiguity in scope (applications, cloud infra, mobile apps, network security) affects cost estimation Clearly define audit scope, frequency, and responsibility (central vs district level)	To be finalized during requirement gathering phase	
84	Pg. 20 Commercial Clause	Clause on rejection of "unrealistic pricing" is undefined	Subjective interpretation may lead to non-transparent bid evaluation Define objective criteria or benchmarking methodology for identifying unrealistic bids	The objective is to ensure that bidder/s should not quote 0 (Zero) or any unrealistic price w.r.t. market price	
85	Pg. 1 & 5 Tender Cost	Tender fee of ₹59,000 (non-refundable)	High entry cost may discourage wider participation Consider reducing fee or making it refundable for technically qualified bidders	No Change	
86	Pg. 7-9 Solution Standardization	All empanelled bidders required to adopt final selected solution	Limits innovation and flexibility in deployment models Allow modular approach with compliance to defined standards rather than strict uniform solution enforcement	No Change	
87	"CHAPTER IV: TENDER AT A GLANCE, Clause: Empanelment Process, Page no. 8" The lowest commercial rate among the qualified bidders becomes the Ll rate and all other technically qualified bidders need to agree with the lowest rate to become empanelled bidder	"It is requested that the evaluation methodology may consider adopting a Quality and Cost-Based Selection (QCBS) approach instead of strictly following Ll-based empanelment."	"Smart Check-Gate systems are complex, technology-driven, and require deep domain understanding along with long-term operational commitment under AMC. Selection based solely on Ll rates may not reflect the actual cost required for effective implementation and may lead to underestimation of project complexity. This may result in: ' Participation of bidders without adequate domain expertise • Compromise in system quality, performance, and reliability • Challenges in long-term operations, maintenance, and scalability A QCBS approach will enable balanced evaluation of technical	No Change	

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			capability, relevant experience, proven outcomes, and cost, ensuring selection of competent and experienced bidders. This will help in achieving better performance, sustainability, and overall success of the project"		
88	"CHAPTER IV: TENDER AT A GLANCE Clause: Proof of Concept (Poc), Page no. 8" "Among empanelled bidders, POC of 2 different solutions will be conducted at 2 locations of Chhattisgarh. Bidders for POC will be identified by the Technical Committee based on technical presentations from the empanelled bidders."	Instead of POC there should be selection on the basis of case of existing system running in other states and that too based on outcome	While POC is proposed, Smart Check-Gate systems operate under dynamic field conditions. A short-duration POC at limited locations may not adequately reflect actual performance due to: <ul style="list-style-type: none"> <li>• Controlled conditions not representing real scenarios</li> <li>• Limited assessment of traffic variability and evasion practices</li> <li>• Inadequate exposure to environmental and network challenges</li> <li>• No evaluation of longterm AMC performance and scalability</li> </ul> It is therefore suggested that evaluation may also consider proven live deployments and case studies, based on realtime performance, uptime under AMC, scalability, and operational experience. This will enable a more realistic assessment of system capability and sustainability	Refer Corrigendum	
89	"CHAPTER IV: TENDER AT A GLANCE, Clause: Roles Responsibility of Empanelled Bidders" "Responsibility of another Empanelled Bidder/s"	It is requested that a single bidder may be made responsible for implementation and operation of the complete system.	Smart Check-Gate systems are highly integrated solutions involving AI, software, hardware, networking, and centralized monitoring, along with long-term operations under AMC. Splitting responsibilities among multiple vendors may lead to: Coordination challenges and delays in execution Ambiguity in ownership and accountability Integration issues	No Change	

S. No.	Clause no. of the Tender Document	Existing Provision	Bidders Request/ Suggestion for modification/ Amendments	CMDC's stand on the request of bidder	Remarks if any
			<p>across system components Delays in issue resolution and maintenance Such fragmentation may lead to conflicts among vendors and adversely impact system performance and service delivery, ultimately affecting the authority. However, if required, the authority may procure hardware or components separately through GeM or other applicable procurement processes. Nevertheless, the overall responsibility for implementation, integration, and operations should remain with a single bidder to ensure clear accountability, seamless functioning, and effective project outcomes.</p>		
90	<p>"CHAPTER IV: TENDER AT A GLANCE, Clause: Technical Scoring, Page no. 11"      Technical scoring</p>	<p>"It is requested that the technical scoring criteria may be refined to give higher weightage to bidders having experience in Smart CheckGate systems specifically in the Mining sector, along with evaluation based on measurable outcomes such as e-Notice/challan generation, enforcement effectiveness, and revenue realization."</p>	<p>"Smart Check-Gate systems in the Mining sector are complex and differ significantly from generic RFID-based or logistics solutions. The current technical scoring appears broad and may allow participation of bidders with limited or non-relevant experience, which may impact the overall effectiveness of the system. It is important that evaluation considers:</p> <ul style="list-style-type: none"> <li>• Domain-specific experience in Mining operations</li> <li>Proven enforcement outcomes (e.g., notice/challan generation and recovery)</li> <li>• Experience in handling large-scale deployments of checkgates</li> <li>• Capability to manage real-time operations under AMC conditions</li> </ul>	No Change	

S. No.	Clause no. of the Tender Document	Existing Provision	Bidders Request/ Suggestion for modification/ Amendments	CMDC's stand on the request of bidder	Remarks if any
			<ul style="list-style-type: none"> <li>Experience of establishing PMIJ to manage command centre and handle large scale projects. Without such focused criteria, there is a risk of selection of bidders lacking adequate domain understanding, which may affect system performance, enforcement efficiency, and project outcomes. Refining the technical scoring in this manner will ensure selection of experienced and capable bidders, leading to better implementation, reliability, and achievement of project objectives."</li> </ul>		
91	"CHAPTER IV: TENDER ATA GLANCE, Clause: Project Timelines and Payment Terms, Page no. 20"      Payment Terms	It is requested that at least 20% payment may be released upon completion of POC and Gap Analysis, instead of linking payments to site clearances for all locations.	"Site clearance from NHAI/SHAI (including NOC) is an interdepartmental activity and primarily the responsibility of the department. As per scope, the bidder is required to prepare and submit necessary documents as per guidelines, while approvals are dependent on external authorities. Further, site clearances are typically received in phases, and sites for which approvals are received can be made operational accordingly. Hence, linking payment to clearance of all sites is not practical."	Refer Corrigendum	